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WHAT IS CLAIMED IS:

- 1. A luminescence device, comprising a pair of electrodes, and at least one organic compound layer including an organic compound layer comprising a mixture of a liquid crystal compound and a phosphorescent compound.
- A luminescence device according to Claim 1, wherein the liquid crystal compound is a compound assuming a smectic phase.
 - 3. A luminescence device according to Claim 1, wherein the limit crystal compound is a compound assuming a discotic phase.
 - 4. A luminescence device according to Claim 1, wherein the phosphorescent compound has a planar molecular skeleton.
- 5. A luminescence device according to Claim 1, wherein the liquid crystal compound also has a phosphorescent function.

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